



In the specification:

Please delete the Sequence Listing (pages 1- 1,536) and replace it with the Substitute Sequence Listing, filed herewith on compact disks (Copy 1 and Copy 2).

Please replace the paragraph beginning at page 47, line 17 with the following rewritten paragraph:

-- Genomic libraries as described in Example 2 were used for DNA sequencing according to standard methods, in particular by the chain termination method using ABI377 sequencing machines (see *e.g.*, Fleischman, R.D. *et al.* (1995) "Whole-genome Random Sequencing and Assembly of Haemophilus Influenzae Rd., *Science*, 269:496-512). Sequencing primers with the following nucleotide sequences were used: 5'-GGAAACAGTATGACCATG-3' (SEQ ID NO:1,157) or 5'-GTAAAACGACGGCCAGT-3' (SEQ ID NO:1,158).--